

AMENDMENT

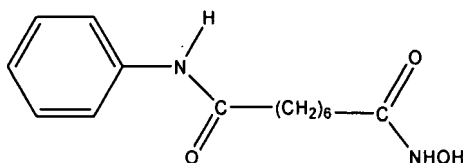
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A method of treating leukemia in a subject, said method comprising the step of orally administering to the subject a total daily dose of ~~up to 800~~ 400 mg once daily of a pharmaceutical composition comprising suberoylanilide hydroxamic acid (SAHA) represented by the structure:



or a pharmaceutically acceptable salt or hydrate thereof, and a pharmaceutically acceptable carrier or diluent, wherein administration of SAHA or a pharmaceutically acceptable salt or hydrate thereof is effective to treat leukemia in said subject.

2. (Original) The method of claim 1, wherein the leukemia is an acute leukemia.
3. (Original) The method of claim 2, wherein the leukemia is Acute Myeloid Leukemia (AML).
- 4-11. (Cancelled)
12. (Previously Presented) The method of claim 1, wherein said composition is contained within a gelatin capsule.
13. (Original) The method of claim 12, wherein said carrier or diluent is microcrystalline cellulose.

14. (Currently Amended) The method of claim ~~13~~ 1, said composition further comprising sodium croscarmellose as a disintegrating agent.

15. (Currently Amended) The method of claim ~~14~~ 1, said composition further comprising magnesium stearate as a lubricant.

16-156. (Cancelled)

157. (Currently Amended) The method of any one of claims 1, 2, 3 and 12-15 ~~95-95, 97, 99, 101-103, 105, 107, 109-111, 113, 115, 117-119, 121, 123, 125-127, 129, 131, 133-135, 137, 139 or 141-142~~, wherein SAHA is the active ingredient in said composition.

158.-178. (Cancelled)